

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Keisuke EBIKO  
Application No.: New PCT National Stage Application  
Filed: February 28, 2005  
For: APPARATUS AND METHOD FOR MULTI-CARRIER  
COMMUNICATION

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

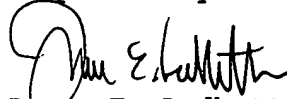
Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith. JP '051, JP '054 and the MULLER, et al. documents are discussed in the present application starting at page 1 through page 3. The following are English equivalents to the foreign documents: US 323/JP 146, US 143/JP 051 and EP 285/JP 044.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: February 28, 2005

JEL/spp

ATTORNEY DOCKET NO. L9289.05101

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FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
**L9289.05101**

SERIAL NO. **10/525739**  
**New PCT Nat'l Stage  
Application**

APPLICANT  
**Keisuke EBIKO**

FILING DATE  
**February 28, 2005**

GROUP  
**Unassigned**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 8 2 2 3 2 3	10/1998	Kaneko et al.			
2001	0 0 5 3 1 4 3	12/2001	Li et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 9 0 9 8 1 4 6	04/1997	JP				
	0 9 3 2 2 8 5 A2	07/1999	EP				
	1 1 2 7 5 0 4 4	10/1999	JP			Abstract	
	1 1 2 1 5 0 9 1	08/1999	JP			Abstract	
	9 5 0 1 5 4 7	02/1997	JP			Abstract	
	2000 2 3 2 4 3 0	08/2000	JP			Abstract	
	2002 0 0 9 6 6 3	01/2002	JP			Abstract	
	2002 0 4 4 0 5 1	02/2002	JP			Abstract	
	2002 0 4 4 0 5 4	02/2002	JP			Abstract	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PCT International Search Report dated February 10, 2004.

J. KIM, et al.; "Coding Strategies for OFDM with Antenna Diversity for High-Bit-Rate Mobile Data Applications," IEEE Vehicular Technology Conference 1998, Mar. 21, 1998, vol. 2, pp. 763-767.

S. H. MULLER, et al.; "OFDM with Reduced Peak-to-Average Power Ratio by Optimum Combination of Partial Transmit Sequences," Electronics Letters, vol. 33, Issue: 5, 1997, pp. 1-2.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.